

1 Contact Information

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2 Summary

Highly motivated and results-oriented full-stack developer with 5+ years of experience in designing, developing, and deploying scalable web applications. Proficient in JavaScript/TypeScript, React, and Node.js, with a proven track record of improving application performance and leading development teams.

3 Experience

Senior Software Engineer | Tech Solutions Inc. Jan 2020 - Present • Led a team of 5 developers in the design and implementation of new features and improvements for a high-traffic web application.

- Architected and implemented a new caching strategy that reduced database load by 40% and improved overall application performance by 30%.
- Mentored junior developers, providing guidance on best practices for code quality, testing, and deployment.

Technologies Used: JavaScript, TypeScript, React, Node.js, PostgreSQL, Redis, AWS

Key Achievements:

- Improved application performance by 30% through optimization and caching strategies.
- Reduced database load by 40% by implementing a Redis-based caching layer.
- Successfully delivered multiple projects on time and within budget, consistently exceeding expectations.

E-commerce Platform *Developed a full-stack e-commerce platform with user authentication, product catalog, shopping cart, and payment gateway integration.*

- Designed and implemented a RESTful API using Node.js and Express.js for handling product data, user authentication, and order management.
- Developed a responsive user interface using React and Redux for managing the product catalog, shopping cart, and checkout process.
- Integrated a secure payment gateway (Stripe) for handling credit card transactions.
- Implemented user authentication and authorization using JSON Web Tokens (JWT) to protect sensitive data.
- Deployed the application to AWS using Docker and Kubernetes, ensuring high availability and scalability.

Technologies: React, Redux, Node.js, Express.js, PostgreSQL, Stripe API, JWT, Docker, Kubernetes, AWS

Impact:

- Successfully launched the e-commerce platform, resulting in a 20% increase in online sales within the first quarter.
- Achieved a 99.9% uptime for the application, ensuring a positive user experience.
- Handled over 10,000 transactions in the first month with no reported issues.

Data Visualization Dashboard *Created an interactive data visualization dashboard for analyzing sales data and identifying trends.*

- Developed a data pipeline using Python and Pandas to extract, transform, and load data from various sources (CSV, SQL databases).
- Implemented a RESTful API using Flask to serve the processed data to the front-end application.
- Designed and developed an interactive dashboard using React and Chart.js for visualizing sales data, including charts, graphs, and tables.
- Implemented filtering and sorting functionality to allow users to drill down into specific data segments.
- Deployed the application to Heroku, making it accessible to stakeholders across the organization.

Technologies: Python, Pandas, Flask, React, Chart.js, SQL, Heroku

Impact:

- Empowered sales teams to make data-driven decisions, resulting in a 15% increase in sales conversion rates.
- Identified key trends and patterns in sales data, leading to improved marketing strategies.
- Reduced the time required for data analysis by 50%, freeing up valuable time for sales representatives.

4 Education

B.S. in Computer Science | University of California, Berkeley 2013 - 2017 • Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Systems, Software Engineering, Artificial Intelligence

- Achievements: Graduated Cum Laude, Dean's List (all semesters)

5 Skills

Languages & Frameworks: JavaScript, TypeScript, React, Redux, Node.js, Express.js, HTML, CSS, Python

Databases & APIs: PostgreSQL, MySQL, MongoDB, RESTful APIs, GraphQL

Cloud & DevOps: AWS, Docker, Kubernetes, CI/CD, Git, Heroku

Developer Tools: VS Code, Webpack, Jest, ESLint

Soft Skills: Leadership, Communication, Teamwork, Problem-solving, Mentoring